

MAR 22 2007

Federal Communications Commission
Office of the SecretaryUNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
Washington, D.C. 20230

MAR - 8 2007

Mr. Julius Knapp
Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

IB Docket No. 01-185
IB Docket No. 02-364

Dear Mr. Knapp:

The Federal Communications Commission (FCC) Rules Section 25.252(a)(6) states that, when applying for authorization to provide ancillary terrestrial component (ATC) services in the 2 GHz band, mobile-satellite service (MSS) providers should request a list of federal earth station facilities operating in the 2200-2290 MHz band.¹ Two applicants have contacted the FCC to obtain information on the federal earth stations operating in the 2200-2290 MHz band.² In response to these requests, the National Telecommunications and Information Administration (NTIA) in coordination with the Interdepartment Radio Advisory Committee developed the enclosed list of federal earth stations.³

Section 25.252(a)(6) requires that 2 GHz Band MSS ATC base stations be located at least 820 meters from federal earth station facilities operating in the 2200-2290 MHz band. In the enclosure, NTIA provides the location of the federal earth station facilities. However, these coordinates should be considered approximate, since in many cases a single earth station facility can have multiple antenna locations. Also, coordinate accuracy may vary. To address the potential conflict of this general location information with the requirement to maintain at least 820 meter separation, NTIA suggests that a consultation process be established between the federal agencies and the MSS ATC applicants. An applicant installing an MSS ATC base station that is located beyond a distance of 3 kilometers from the locations provided in the enclosure does not have to consult with the federal agency. When an MSS ATC base station is installed within 3 kilometers of the locations provided in the enclosure, the MSS ATC applicant should

1. 47 C.F.R. Section 25.252(a)(6). The 2 GHz band refers to the 2000-2020 MHz and 2180-2200 MHz MSS bands.

2. Letter from TMI Communications and Company, Limited Partnership and TerreStar Networks Inc., to Marlene H. Dortch, Secretary, Federal Communications Commission (October 24, 2006) ("TMI Letter") and Letter from Suzanne Hutchings Mallory, Senior Regulatory Counsel, ICO Satellite Services, G.P., to Marlene H. Dortch, Federal Communications Commission (February 15, 2007) ("ICO Letter").

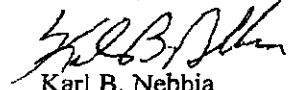
3. The federal agency points of contact provided in the attachment will be responsible for providing information on the locations of future earth stations as they are installed.

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consult with the federal agency point of contact listed in the enclosure to obtain the requested technical parameters for the earth station.

In order to comply with Section 25.252(a)(6), commercial service providers have also requested technical earth station parameters.⁴ To obtain the best information possible, ATC applicants should as part of the consultation process obtain this information directly from the federal agency points of contact identified in the enclosure.

Sincerely,



Karl B. Nebbia
Associate Administrator
Office of Spectrum Management

Enclosure

4. TMI Letter at 2 and ICO Letter at 1.

Enclosure

Federal Earth Station Locations

LOCATION	COORDINATES	AGENCY
AK, Fairbanks	645838N1473054W	NASA
AK, Fairbanks	645131N1475127W	NASA
AK, Fairbanks	645833N1473119W	Commerce
AK, North Pole	644818N1473000W	NASA
AK, Poker Flat	650600N1470300W	NASA
AK, Poker Flat	650825N1473042W	NASA
CA, Azusa	341259N1175232W	Air Force
CA, Berkeley	375248N1221438W	NASA
CA, Camp Parks	374400N1215200W	Air Force
CA, Edwards AFB	345729N1175442W	NASA
CA, Goldstone	352030N1165223W	NASA
CA, Goldstone	352529N1165324W	NASA
CA, Goldstone (DSS-16)	352030N1165223W	NASA
CA, Goldstone (DSS-16)	352030N1165222W	NASA
CA, Goldstone (DSS-24)	302024N1165229W	NASA
CA, Goldstone (DSS-27)	351418N1164644W	NASA
CA, Goldstone (SWAS)	351800N1165400W	NASA
CA, Goldstone (TOMS-EO)	352029N1165225W	NASA
CA, Laguna Peak	340655N1190450W	Navy
CA, Table Mountain	342256N1174056W	NASA
CA, Vandenberg AFB	342924N1203154W	Air Force
CO, Buckley Field	394300N104433W	Air Force
CO, Schriever AFB	384754N1043128W	Air Force
FL, Cape Canaveral	282910N0803434W	Air Force
FL, Merritt Island	283030N0804137W	NASA
FL, New Smyrna Beach	290300N0805300W	NASA
Guam, Andersen AFB	133648N1445112W	Air Force
Guam, GRGT	133655N1445122E	NASA
Guam, Marianas	131833N 1444404E	NASA
Guam, NCTAMS WESTPAC	133455N1445050E	Navy
HI, Kaena Point	213418N1581634W	Air Force
HI, Kamaoa-Puueo	190049N1553948W	NASA
HI, Kauai	220731N 1594003W	NASA
HI, Nelha	190111N1554532W	NASA
HI, South Point	190048N1553947W	NASA
HI, South Point	190613N1553947W	NASA
MA, Westford	423724N0712918W	NASA
MD, Blossom Point	382553N0770516W	NASA and Navy
MD, Greenbelt	385955N0765034W	NASA
MD, Laurel	391100N0765400W	NASA

LOCATION	COORDINATES	AGENCY
MD, Pomonkey	382548N0770512W	Navy
ME, Prospect Harbor	442455N0680150W	Navy
NH, New Boston	425654N0713824W	Air Force
NM, Albuquerque	350459N1063900W	Energy
NM, Kirtland AFB	350300N1062400W	Air Force
NM, Kirtland AFB	350150N1063245W	Energy
NM, Las Cruces	321619N1064445W	NASA
NM, Los Alamos	355220N 1061937W	Energy
NM, White Sands (WSGT)	322954N1063631W	NASA
NM, White Sands (STGT)	323240N1063648W	NASA
NM, White Sands (WSGT-TDRS Central)	322059N1063631W	NASA
NM, White Sands (WSGT-TDRS)	322059N1063631W	NASA
NV, Las Vegas	361604N1150939W	NASA
PA, Horsham	401210N0751028W	NASA
PA, Horsham	401209N0751029W	NASA
PTR, Mayaguez	181242N0670813W	NASA
TX, Houston	293336N0950524W	NASA
TX, Kelly AFB	294800N0983600W	Air Force
VA, Chantilly	385324N0775024W	NASA
VA, Dulles	390047N0772538W	NASA
VA, Herndon	385800N0772300W	NASA
VA, Quantico	382952N0772223W	Navy
VA, Wallops Island	375538N0752831W	NASA
VA, Wallops Island	375530N0752835W	NASA
VA, Wallops Island	375734N0752817W	Commerce
VA, Wallops Island (SWAS)	375600N0753000W	NASA
WA, Fairchild AFB	473000N118100W	Air Force
WV, Fairmont	391536N0800636W	NASA

Federal Agency Points of Contact

Agency	Point of Contact	Phone Number	E-Mail
Air Force	Frederick Moorefield	703-428-1501	Fred.moorefield@pentagon.af.mil
Commerce	David McGinnis	301-713-2789 (ext 149)	Dave.mcginis@noaa.gov
Energy	Bruce Washington	202-586-5066	Bruce.washington@hq.doe.gov
NASA	James Madon	202-358-3760	James.Madon-1@nasa.gov
Navy	Thomas Kidd	703-607-3594	Thomas.kidd@navy.mil